

# CHV Series of High Voltage Multilayer Ceramic Chip Capacitors



Cal-Chip Electronics, Inc., a manufacturer of quality surface mount passive components, announced the expansion of the CHV Series of High Voltage Multilayer Ceramic Chip (MLCC) Capacitors to include those with voltages of up to 5 kVDC. Featuring chips in EIA sizes 1206, 1210, 1812, 2220 and 2225, and in COG (NPO) and X7R dielectric, the CHV Series boasts low ESR, excellent frequency response, and excellent mechanical strength.

Commonly specified for surge suppression and temperature compensation in high voltage applications where PC board space is limited, these new capacitors are an ideal choice for wireless and portable products including notebook computers, cellular phones, PDAs, camcorders, VCRs, telecommunications and test equipment. These MLCC caps are provided in voltages within the ranges of 500 VDC, 1, 2, 3 and 5 kVDC. Their capacitance range is from 3.9 pF to 2.2 uF. Chips further possess an operating temperature of  $\pm 55^{\circ}\text{C}$  to  $125^{\circ}\text{C}$ , with Temperature Coefficient of Capacitance (TCC) of  $\pm 15\%$   $^{\circ}\text{C}$  for X7R dielectric, and  $\pm 30\text{ ppm }^{\circ}\text{C}$  for COG dielectric.

Cal-Chip's CHV Series of MLCC capacitors are available in tape and reel packaging.

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<http://www.wirelessdesignmag.com/product-releases/2001/04/chv-series-high-voltage-multilayer-ceramic-chip-capacitors?qt-blogs=0>